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**STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
STATE WATER RESOURCES CONTROL BOARD**

DIVISION OF WATER RIGHTS

ORDER

Application 18087 Permit 13858

**ORDER APPROVING CHANGE IN THE PLACE OF USE,
AND AMENDING THE PERMIT**

WHEREAS:

1. Permit 13858 was issued to Placer County Water Agency on January 10, 1963, pursuant to Application 18087.
2. A petition to change the place of use of Permit 13858 was filed with the State Water Resources Control Board (SWRCB) on July 31, 1996 and the SWRCB has determined that good cause for such change has been shown. Public notice of the change was issued on October 18, 1996 and protest issues have been resolved. Resultant protest resolution agreements have been incorporated into this order.
3. The SWRCB has determined that the petition to change the place of use does not constitute the initiation of a new right nor operate to the injury of any other lawful user of water.
4. Fish, wildlife, and plant species have been or may be listed under the federal Endangered Species Act and/or the California Endangered Species Act. A paragraph should be placed in the permit making the permittee aware of possible obligations resulting from these acts.
5. The paragraph relating to the continuing authority of the SWRCB should be updated to conform to section 780(a), title 23 of the California Code of Regulations.

NOW, THEREFORE, IT IS ORDERED THAT:

1. The place of use under Permit 13858 shall be amended as follows:

The place of use is situated in portions of Placer and Sacramento counties as shown on the Placer County Water Agency map set dated July 31, 1996, on file with the SWRCB.

2. Paragraph 8, the continuing authority condition, shall be updated to read as follows:

Pursuant to California Water Code sections 100 and 275 and the common law public trust doctrine, all rights and privileges under this permit, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the SWRCB in accordance with law and in the interest of the public welfare to protect public trust uses and to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water.

The continuing authority of the SWRCB may be exercised by imposing specific requirements over and above those contained in this permit with a view to eliminating waste of water and to meeting the reasonable water requirements of licensee without unreasonable draft on the source. Permittee may be required to implement a water conservation plan, features of which may include but not necessarily be limited to: (1) reusing or reclaiming the water allocated; (2) using water reclaimed by another entity instead of all or part of the water allocated; (3) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (4) suppressing evaporation losses from water surfaces; (5) controlling phreatophytic growth; and (6) installing, maintaining, and operating efficient water measuring devices to assure compliance with the quantity limitations of this permit and to determine accurately water use as against reasonable water requirement for the authorized project. No action will be taken pursuant to this paragraph unless the SWRCB determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation.

The continuing authority of the SWRCB also may be exercised by imposing further limitations on the diversion and use of water by the permittee in order to protect public trust uses. No action will be taken pursuant to this paragraph unless the SWRCB determines, after notice to affected parties and opportunity for hearing, that such action is consistent with California Constitution article X, section 2; is consistent with the public interest and is necessary to preserve or restore the uses protected by the public trust. (0000012)

3. An Endangered Species term shall be added to Permit 13858 to read as follows:

This permit does not authorize any act which results in the taking of a threatened or endangered species or any act which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish and Game Code sections 2050 to 2097) or the federal Endangered Species Act (16 U.S.C.A. sections 1531 to 1544). If a "take" will result from any act authorized under this water right, the permittee shall obtain authorization for an incidental take prior to construction or operation of the project. Permittee shall be responsible for meeting all requirements of the applicable Endangered Species Act for the project authorized under this permit. (0000014)

3. The following term shall be added to Permit 13858 to read as follows:

Permittee shall comply with provisions of the following settlement agreements on file with the SWRCB:

- (a) *Agreement for Dismissal of Protest by California Department of Water Resources to Placer County Water Agency's Petition before State Water Resources Control SWRCB for Change in Place of Use under Permits Nos. 13856 (App. No. 18085) and 13858 (App. No. 18087) executed on September 30, 1999;*
- (b) *Stipulated Agreement for Dismissal of Bureau of Reclamation's Protest to Placer County Water Agency's Petition to Expand the Place of Use Under Application 18085 (Permit 13856) and Application 18087 (Permit 13858) executed on September 8, 1998;*
- (c) *SETTLEMENT AGREEMENT CONCERNING PLACER COUNTY WATER AGENCY'S PETITION TO EXPAND ITS PLACE OF USE UNDER WATER RIGHT PERMITS 13856 AND 13858 executed between Placer County Water Agency and the County of Sacramento (on March 23, 1999); as well as the City of Sacramento (on April 13, 1999); and*
- (d) *Stipulated Agreement for Dismissal of Protest to Placer County Water Agency's Petition to Expand the Place of Use Under Application 18085 (Permit 13856) and Application 18087 (Permit 13858) executed between the Placer County Water Agency and the Friends of the River, Save the American River Association, and the Sierra Club, Mother Lode Chapter (on September 16, 1999); as well as Mr. William Berry (on November 20, 1999).*

Inclusion in this permit of provisions of the referenced agreements shall not be construed as affecting the enforceability, as between the parties, of such provisions insofar as they are not inconsistent with the terms of this permit. (0000024)


Harry M. Schueller
Division Chief

Dated: MAY 24 2000

STATE OF CALIFORNIA
THE RESOURCES AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

ORDER

APPLICATIONS 18085 and 18087

PERMITS 13856 and 13858

LICENSE _____

ORDER ALLOWING NEW POINT OF DIVERSION
AND REDIVERSION, AND ADDITION OF PERMIT TERMS

WHEREAS:

1. A petition to add a point of diversion and rediversion (located at Folsom Dam) has been filed with the State Water Resources Control Board and said Board has determined that good cause for such changes has been shown.
2. The Board has determined that this addition of point of diversion and rediversion will not operate to the injury of any other user of water involved.

NOW, THEREFORE, IT IS ORDERED:

1. That permission is hereby granted under said Permits 13856 and 13858, to add a point of diversion and rediversion described as follows:

(FOLSOM DAM) SOUTH 38 18' WEST 2,715 FEET
FROM NE CORNER OF SECTION 24, T10N, R7E,
MDB&M BEING WITHIN SW $\frac{1}{4}$ OF NE $\frac{1}{4}$ OF SAID
SECTION 24.

IT IS FURTHER ORDERED that:

1. The following condition be added to Permits 13856 and 13858:

THE QUANTITY OF WATER DIVERTED UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO IS SUBJECT TO MODIFICATION BY THE STATE WATER RESOURCES CONTROL BOARD IF, AFTER NOTICE OF THE PERMITTEE AND AN OPPORTUNITY FOR HEARING, THE BOARD FINDS THAT SUCH MODIFICATION IS NECESSARY TO MEET WATER QUALITY OBJECTIVES IN WATER QUALITY CONTROL PLANS WHICH HAVE BEEN OR HEREAFTER MAY BE ESTABLISHED OR MODIFIED PURSUANT TO DIVISION 7 OF THE WATER CODE. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD FINDS THAT (1) ADEQUATE WASTE DISCHARGE REQUIREMENTS HAVE BEEN PRESCRIBED AND ARE IN EFFECT WITH RESPECT TO ALL WASTE DISCHARGES WHICH HAVE ANY SUBSTANTIAL EFFECT UPON WATER QUALITY IN THE AREA INVOLVED, AND (2) THE WATER QUALITY OBJECTIVES CANNOT BE ACHIEVED SOLELY THROUGH THE CONTROL OF WASTE DISCHARGES.

(0000013)

2. Paragraph 8 of both permits be amended to read as follows:

PURSUANT TO CALIFORNIA WATER CODE SECTION 100, ALL RIGHTS AND PRIVILEGES UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO, INCLUDING METHOD OF DIVERSION, METHOD OF USE, AND QUANTITY OF WATER DIVERTED, ARE SUBJECT TO THE CONTINUING AUTHORITY OF THE STATE WATER RESOURCES CONTROL BOARD IN ACCORDANCE WITH LAW AND IN THE INTEREST OF THE PUBLIC WELFARE TO PREVENT WASTE, UNREASONABLE USE, UNREASONABLE METHOD OF USE, OR UNREASONABLE METHOD OF DIVERSION OF SAID WATER.

THIS CONTINUING AUTHORITY OF THE BOARD MAY BE EXERCISED BY IMPOSING SPECIFIC REQUIREMENTS OVER AND ABOVE THOSE CONTAINED IN THIS PERMIT WITH A VIEW TO MINIMIZE WASTE OF WATER AND TO MEETING THE REASONABLE WATER REQUIREMENTS OF PERMITTEE WITHOUT UNREASONABLE DRAFT ON THE SOURCE. PERMITTEE MAY BE REQUIRED TO IMPLEMENT SUCH PROGRAMS AS (1) REUSING OR RECLAIMING THE WATER ALLOCATED; (2) RESTRICTING DIVERSIONS SO AS TO ELIMINATE AGRICULTURAL TAILWATER OR TO REDUCE RETURN FLOW; (3) SUPPRESSING EVAPORATION LOSSES FROM WATER SURFACES; (4) CONTROLLING PHREATOPHYTIC GROWTH; AND (5) INSTALLING, MAINTAINING, AND OPERATING EFFICIENT WATER MEASURING DEVICES TO ASSURE COMPLIANCE WITH THE QUANTITY LIMITATIONS OF THIS PERMIT AND TO DETERMINE ACCURATELY WATER USE AS AGAINST REASONABLE WATER REQUIREMENTS FOR THE AUTHORIZED PROJECT. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD DETERMINES, AFTER NOTICE TO AFFECTED PARTIES AND OPPORTUNITY FOR HEARING, THAT SUCH SPECIFIC REQUIREMENTS ARE PHYSICALLY AND FINANCIALLY FEASIBLE AND ARE APPROPRIATE TO THE PARTICULAR SITUATION. (0000012)

3. That the following condition be added to Permits 13856 and 13858:

DIRECT DIVERSION OF WATER UNDER PERMITS 13856 and 13858 FROM A POINT OF DIVERSION AT FOLSOM DAM SHALL BE LIMITED TO THE SUPPLY AVAILABLE TO THE PERMITTEE AT POINT OF DIVERSION #7, AUBURN.

4. That the following condition be added to Permits 13856 and 13858:

PROOF OF PERMITTEE'S ABILITY TO DELIVER WATER TO THE SAN JUAN SUBURBAN WATER DISTRICT THROUGH AN AGREEMENT TO BE ENTERED INTO WITH THE UNITED STATES BUREAU OF RECLAMATION (USBR) TO WHEEL SAID WATER THROUGH THE USBR FACILITIES AT FOLSOM RESERVOIR AND DAM SHALL BE SUBMITTED TO THE BOARD BY DECEMBER 31, 1976. (0000999)

Dated: JUN 25 1975

R. L. Rosenberger
R. L. Rosenberger, Chief
Division of Water Rights

[For full information concerning the filling out of this form refer to
Article 4 of Rules and Regulations Pertaining to Appropriation of Water]

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

Application No. 18087 Filed April 8, 1958 at 10:51 A.M.
(Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

I, Placer County Water Agency
Name of applicant or applicants
of Auburn County of Placer
Address
State of California, do hereby make application for a permit to appropriate the
following described unappropriated waters of the State of California, *SUBJECT TO VESTED RIGHTS*:

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is See supplement
Placer and
located in El Dorado County, tributary to See supplement
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed

2. The amount of water which applicant desires to appropriate under this application is as follows:

(a) For diversion to be directly applied to beneficial use 800 cubic feet per
I cubic foot per second equals 40 statute miner's inches or 646,317 gallons per day
second, to be diverted from November 1 to July 1 of each year.
Beginning date Closing date

(b) For diversion to be stored and later applied to beneficial use See supplement acre-feet
1 acre-foot equals 325,851 gallons
per annum, to be collected between November 1 and July 1 of each season.
Beginning date Closing date

NOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in gallons per day. Neither the amount nor the season may be increased after application is filed. If underground storage is proposed a special supplemental form will be supplied by the State Water Rights Board upon request.

3. The use to which the water is to be applied is irrigation and incidental domestic, recreational,
Domestic, irrigation, power, municipal, mining, industrial, recreational
municipal and industrial purposes.

4. The point of diversion is to be located See supplement for points of diversion to storage and
State bearing and distance or coordinate distances from section or quarter section corner
points of redirection of stored water. Point of direct diversion to use is at Auburn
Pumping Plant 444,400'N 2,267,400'E California Grid Coordinates
being within the NW $\frac{1}{4}$ of NW $\frac{1}{4}$
State 40-acre subdivision of public land survey or projection thereof
of Section 23, T. 12N, R. 8E, M.D. B. & M., in the County of Placer

5. The main conduit terminates in SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 18, T. 12N, R. 8E, M.D. B. & M.
State 40-acre subdivision of U. S. Government survey or projection thereof

Description of Diversion Works

NOTE.—An application cannot be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. Intake or Headworks (fill only those blanks which apply)

(a) Diversion will be made by pumping from North Fork, American River
Sump, offset well, unobstructed channel, etc.

(b) Diversion will be by gravity, the diverting dam being See supplement feet in height (stream bed to
level of overflow); See supplement feet long on top; and constructed of See supplement
Concrete, earth, brush, etc.

(c) The storage dam will be See supplement feet in height (stream bed to spillway level); See supplement feet
long on top; have a freeboard of See supplement feet, and be constructed of See supplement
Concrete, earth, etc.

7. Storage Reservoir See supplement
Name

The storage reservoir will flood lands in See supplement

Indicate section or sections, also 40-acre subdivisions unless shown upon map

It will have a surface area of See supplement acres, and a capacity of See supplement acre-feet. If reservoir has a
capacity of 25 acre-feet or more fill in the following: Diameter of outlet pipe See supplement inches; length See supplement feet;
difference in elevation from spillway level to highest point of outlet pipe See supplement feet; fall in pipe See supplement feet.

In case of insufficient space for answers in form, attach extra sheets at top of page 3 and cross reference.

8. Conduit System (describe main conduits only)

(a) Canal, ditch, flume: Width on top (at water line) _____ feet; width at bottom _____ feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials of construction _____ Earth, rock, timber, etc.

(b) Pipe line: Diameter _____ inches; length _____ feet; grade _____ feet per 1,000 feet; fall from intake to outlet _____ feet; kind _____ Riveted steel, concrete, wood-stave, etc.

NOTE.—If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description, also show location of each clearly on map.

9. The estimated capacity of the diversion conduit or pumping plant proposed is _____ See supplement

The estimated cost of the diversion works proposed is \$ 107,376,000

Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. Construction work will begin on or before _____ July 1, 1965

Construction work will be completed on or before _____ July 1, 1975

The water will be completely applied to the proposed use on or before _____ July 1, 2007

Description of Proposed Use

11. Place of Use. _____ Western Placer County - Valley and Foothill Units - State IWR

State 40-acre subdivisions of the public land and survey. If area is unsurveyed indicate the location as if lines of the public land survey were projected. In the case of irrigation use state the number of acres to be irrigated in each 40-acre tract, if space permits. If space does not permit listing of all 40-acre tracts, describe area in a general way and show detail upon map.

Do (es) applicant(s) own the land whereon use of water will be made? _____ No _____ Yes or No

Jointly? _____ Yes or No

Applicant is a Public Agency and will make contracts for delivery of water under PCWA Act.

If applicant does not own land whereon use of water will be made, give name and address of owner and state what arrangements have been made with him.

12. Other Rights. Describe all rights except those on file with the State Water Rights Board under which water is served to the above named lands.

Nature of Right (riparian, appropriative, purchased water, etc.)	Year of First Use	Use made in recent years including amount if known	Season of Use	Source of Other Supply
1.				
2.				
3.				
4.				

Attach supplement at top of page 3 if necessary.

13. Irrigation Use. The area to be irrigated is _____ See supplement

State net acreage to be irrigated _____ acres.

The segregation of acreage as to crops is as follows: Rice _____ acres; alfalfa _____ acres; pasture _____ acres; orchard _____ acres.

NOTE.—Care should be taken that the various statements as to acreage are consistent with each other, with the statement in Paragraph 11, and with the map.

The irrigation season will begin about _____ and end about _____

Beginning date _____

Closing date _____

14. Power Use. The total fall to be utilized is _____ feet.

Difference between nozzle or draft tube water level and first free water surface above _____ cubic feet per second.

The maximum amount of water to be used through the penstock is _____

The maximum theoretical horsepower capable of being generated by the works is _____ horsepower.

The use to which the power is to be applied is _____

For distribution and sale or private use, etc. _____

The nature of the works by means of which power is to be developed is _____

Turbine, Pelton wheel, etc. _____

The size of the nozzle to be used is _____ inches.

The water will not be returned to _____

Name stream _____

State 40-acre subdivision _____

in _____

B. & M. _____

IMPORTANT

[Please Read Carefully]

1. Note the terms and conditions of this permit. Construction work must be prosecuted, and the water applied to the beneficial uses intended with due diligence. Annual reports of progress will be expected from you upon forms which will be furnished for the purpose. When the water has been fully applied to the beneficial uses intended the Water Code requires that you notify the State Water Rights Board thereof.
2. Neither this application nor the permit is a water right, but if the terms and conditions of the permit are observed a water right can be obtained through beneficial use of the water—the extent of the right to be determined by a field inspection which will be made by a representative of the State Water Rights Board.
3. No change in point of diversion, or place of use or character of use, can be made under this application and permit without the approval of the State Water Rights Board.
4. If the rights under this permit are assigned immediate notice to that effect with the name and address of the new owner should be forwarded to the State Water Rights Board, Sacramento, California.
5. Please advise immediately of any change of address. Until otherwise advised communications will be sent to the address used in the letter transmitting this permit.

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. 13858

This is to certify that the application of which the foregoing is a true and correct copy has been considered and approved by the State Water Rights Board SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water appropriated shall be limited to the amount that can be beneficially used and shall not exceed, (a) 800 cfs by direct diversion from about November 1 of each year to about July 1 of the succeeding year from North Fork American River, (b) 10,000 af by storage from about November 1 of each year to about July 1 of the succeeding year from Middle Fork American River at French Meadows Reservoir, (c) 36,000 af by storage from about November 1 of each year to about July 1 of the succeeding year from Rubicon River at Hell Hole Reservoir, (d) 13,000 af by off-stream storage from about November 1 of each year to about July 1 of the succeeding year from South Fork Long Canyon at a maximum rate of diversion of 830 cfs to be stored at Hell Hole Reservoir, (e) 7,000 af by off-stream storage from about November 1 of each year to about July 1 of the succeeding year from North Fork Long Canyon, at a maximum rate of diversion of 830 cfs, to be stored at Hell Hole Reservoir. (0000005)
2. The maximum amount of water to be diverted to storage under this permit and permits issued pursuant to Applications 18084, 18085 and 18086 during any one season shall not exceed (a) 133,700 acre-feet at French Meadows Reservoir and (b) 208,400 acre-feet at Hell Hole Reservoir. (0000114)
3. The maximum amounts herein stated may be reduced in the license if investigation warrants. (0000006)
4. Actual construction work shall begin on or before September 1, 1963, and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted, this permit may be revoked. (0000007)
5. Construction work shall be completed on or before December 1, 1967. (0000008)
6. Complete application of the water to the proposed use shall be made on or before December 1, 2007. (0000009)
7. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Water Rights Board until license is issued. (0000010)
8. All rights and privileges under this permit including method of diversion, method of use, and quantity of water diverted are subject to the continuing authority of the State Water Rights Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water. (0000012)
9. This permit is subject to the prior rights of any county in which the water sought to be appropriated originates to the use of such water as may be necessary for the development of such county as provided for in Section 10505 of the Water Code. (0000999)
10. To the extent that their provisions relate to matters within the jurisdiction of the State Water Rights Board, this permit is subject to stipulations and agreements between the permittee and the California Department of Fish and Game, dated July 20, 1962, San Juan Suburban Water District et al., dated May 21, 1962, Sacramento Municipal Utility District, dated May 21, 1962, and the City of Sacramento, dated May 21, 1962, which were filed for record at the hearing on Applications 18084, 18085, 18086, and 18087 as Placer County Water Agency Exhibits 19, 20, 21, and 22, respectively. (0430999)
11. This permit does not authorize collection of water to storage during the period outside of the collection seasons specified in Paragraph 1, to offset evaporation or seepage losses or for any other purpose. (0000051)
12. Permittee shall allow representatives of the State Water Rights Board and other parties as may be authorized from time to time by said Board reasonable access to project works to determine compliance with the terms of this permit. (0000011)



L. K. Hill
Executive Officer

clear the site of each of the proposed reservoirs of vegetation which would interfere with the use of the reservoir for water storage and recreational purposes. (0120050)

14. This permit is subject to compliance by permittee with Section 10504.5 (a) of the Water Code. (0330999)

15. Separate applications for approval of plans and specifications for construction of the dams described in this approved water right application shall be filed with and approved by the Department of Water Resources prior to commencement of construction of the dams. (0360048)

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1391. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Dated: JAN 10 1963

STATE WATER RIGHTS BOARD



L. K. Hill

L. K. Hill
Executive Officer

15. Municipal Use. This application is made for the purpose of serving Roseville, Rocklin, Loomis
Name city or cities, town or towns. Urban areas only
Sunset City, New Castle, Auburn, Lincoln having a present population of 27,000
Penryn and Capital City

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows: Acre-feet per day

1970 - 133	1985 - 240	2000 - 420
1975 - 167	1990 - 294	2005 - 487
1980 - 200	1995 - 354	2010 - 560
		2015 - 667

16. Mining Use. The name of the mining property to be served is none
Name of claim

and the nature of the mines is _____
Gold placer, quartz, etc.

The method of utilizing the water is _____

It is estimated that the ultimate water requirement for this project will be _____
Cubic feet per second, gallons per minute. State basis of estimate

The water will be polluted by chemicals or otherwise _____
will not Explain nature of pollution, if any

and it will be returned to _____ in _____ of
will not Name stream State 40-acre subdivision

Sec. _____, T. _____, R. _____, B. & M. _____

17. Other Uses. The nature of the use proposed is recreational and industrial
Industrial, recreational, domestic, stockwatering, fish culture, etc.

State basis of determination of amount needed. Recreation on, and in the vicinity of the proposed
Number of persons, residences, area of domestic lawns and gardens, number and kind of stock, type
reservoirs is contemplated.

Industrial use, and unit requirements

Placer County and land developers in the county are initiating a campaign to attract
industrial development in western Placer County. Water will be required. Development
has not progressed to the extent that significant predictions can be made at this time.

General

18. Are the maps as required by the Rules and Regulations filed with Application? Yes If not,
Yes or No
state specifically the time required for filing same _____

19. Does the applicant own the land at the proposed point of diversion? No If not, give name and
Yes or No
address of owner and state what steps have been taken to secure right of access thereto Applicant will obtain use
permit to use National Forest land and will purchase or exercise power of eminent
domain to acquire privately owned land.

20. What is the name of the post office most used by those living near the proposed point of diversion?
Auburn, California

21. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion?
U. S. Bureau of Reclamation
City of Sacramento
Others not known

[SIGNATURE OF APPLICANT] /s/ L. L. Anderson
Chairman, Board of Directors

Supplement to Application 18087

Paragraph 1 - Sources of Appropriation

- (2) Middle Fork, American River
 - (3) Rubicon River
 - (4a) South Fork, Long Canyon
 - (4b) North Fork, Long Canyon
 - (5) Middle Fork, American River
 - (7) North Fork American River
-

(4a) is tributary to (3)

(4b) is tributary to (4a)

(1) and (3) are tributary to (2) or (5)

(5) and/or (6) are tributary to the North Fork, American thence the American River.

Supplement to Application 18087

Paragraph 2 (a) and (b) - Amount of Water

	<u>STREAM</u>	<u>STRUCTURE</u>	DIRECT DIVERSION Cubic feet per second	For Diversion to be stored and later applied to beneficial use-Acre-feet per annum	Name of Reservoir where water will be stored
2	M.F. American R.	French Meadows Dam and Reservoir		10,000	French Meadows
3.	Rubicon River	Hell Hole Dam and Reservoir		36,000	Hell Hole
4a	S.F. Long Canyon	South Long Canyon Diversion		13,000*	Hell Hole
4b	N.F. Long Canyon	North Long Canyon Diversion		7,000*	Hell Hole
7	N.F. American River	Auburn Diversion	800		

* Maximum rate of diversion to storage 830 cubic feet per second North and South Forks.

Supplement to Application 18087

Paragraph 4 - Points of Diversion

L O C A T I O N								
Ref. No.	Stream	Diversion	California Grid Coordinates, Zone II		Mount Diablo B & M Quarters	Section T-N R-E		
			N	E				
<u>Par. 4 - Points of Diversion</u>								
2	M.F. American River	French Meadows	530,100	2,434,250	NW.NE	36	15	13
3	Rubicon River	Hell Hole	510,750	2,452,000	SW.SE	16	14	14
4a	S.F. Long Canyon	Long Canyon	507,675	2,434,250	SW.NE	24	14	13
4b	N.F. Long Canyon	Long Canyon	506,970	2,431,250	NW.SW	24	14	13
5	M.F. American River	Ralston Interbay	498,137	2,397,300	NW.NE	35	14	12
6	M.F. American River	Ralston Afterbay	490,160	2,357,100	NW.NW	3	13	11
7	N.F. American River	Auburn	444,400	2,267,400	NE.SW	23	12	8
<u>Par. 4 - Points of Re-diversion</u>								
2	M.F. American R.	French Meadows	530,100	2,434,250	NW.NE	36	15	13
3	Rubicon River	Hell Hole	510,750	2,452,000	SW.SE	16	14	14
5	M.F. American River	Ralston Interbay	498,137	2,397,300	NW.NE	35	14	12
6	M.F. American River	Ralston Afterbay	490,160	2,357,100	NW.NW	3	13	11
7	N.F. American R.	Auburn	444,400	2,267,400	NE.SW	23	12	8

Supplement to Application 18087

Paragraph 6 - Intake or Headworks

Ref. No.	Stream	Name of Dam	Dimensions (feet)			Material
			Height	Length	Freeboard	
<u>Par. 6 (b) - Diversion Dams</u>						
4a	S.F. Long Canyon	Long Canyon Diversion	37	230	7.5	Concrete
4b	N.F. Long Canyon	Long Canyon Diversion	13	154	5	Concrete
5	M.F. American River	Ralston Interbay	75	212	10	Concrete
6	M.F. American River	Ralston Afterbay	90	500	5	Gravelfill
7	N.F. American River	Auburn Diversion	25	400	None	Concrete
<u>Par. - 6 (c) - Storage Dams</u>						
2	M.F. American River	French Meadows*	228	2700	5	Composite
3	Rubicon River	Hell Hole *	410	1570	20	Rockfill
* Also serves as Diverting Dam						

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Paragraph 7 - Storage Reservoirs

Ref. No	Stream	Reservoir	Flood Lands in	Surface Area Acres	Capacity Acre-feet
	M. F. American River	French Meadows	See Map	1418	133,700
	Rubicon River	Hell Hole	See Map	1245	208,400

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Paragraph 13 - Irrigation Use

Description and Crop	Areas in Acres		
	Valley	Foothill	Total
Total Area	109,470	141,140	250,610
Irrigable Area	94,000	65,600	159,600
Probable Ultimate Pattern of land use. -			
Pasture and Hay	42,000	32,600	74,600
Rice	28,000	- - -	28,000
Orchard and Vinyard	5,000	23,000	28,000
General Crops including Truck	5,000	10,000	15,000)
Corn	5,000	- - -	5,000)
Sorghums	9,000	- - -	9,000)

29,000

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Paragraph 8 (a) and 9 - Conduit System and Capacities

French Meadows Reservoir M. F. American River	French Meadows P.P. Rubicon River	2.78	Tunnel Horseshoe (unlined)	12.5x12.5 Pressure	0.0040	400
Hell Hole Reservoir Rubicon River	Long Canyon Diversion S.F. Long Canyon	3.29	Tunnel Horseshoe (unlined)	13.25x13.25 Pressure	0.0045	830
Long Canyon Diversion S.F. Long Canyon	Long Canyon Diversion N.F. Long Canyon	0.59	Tunnel Horseshoe (unlined)	13.25x13.25 Pressure	0.0045	830
Long Canyon Diversion N.F. Long Canyon	M.F. Powerplant M.F. American River	6.54	Tunnel Horseshoe (unlined)	13.25x13.25 Pressure	0.0045 & 0.0059	830
Ralston Interbay M.F. American River	Ralston Powerplant Rubicon River	5.14 1.56	Tunnel Horseshoe	13.25x13.25 Pressure 10.58x11.42 Pressure	0.0060 0.0060	830 830
Auburn Diversion N.F. American River	Auburn Ravine	3.14	Tunnel Horseshoe (lined)	8x8 Pressure	0.0006	400*
Ralston Afterbay M.F. American River	Oxbow (Regulator) M.F. American River	0.25	Tunnel Horseshoe	16.0x16.0 Pressure		1930

* First Increment of diversion works for Western Placer County